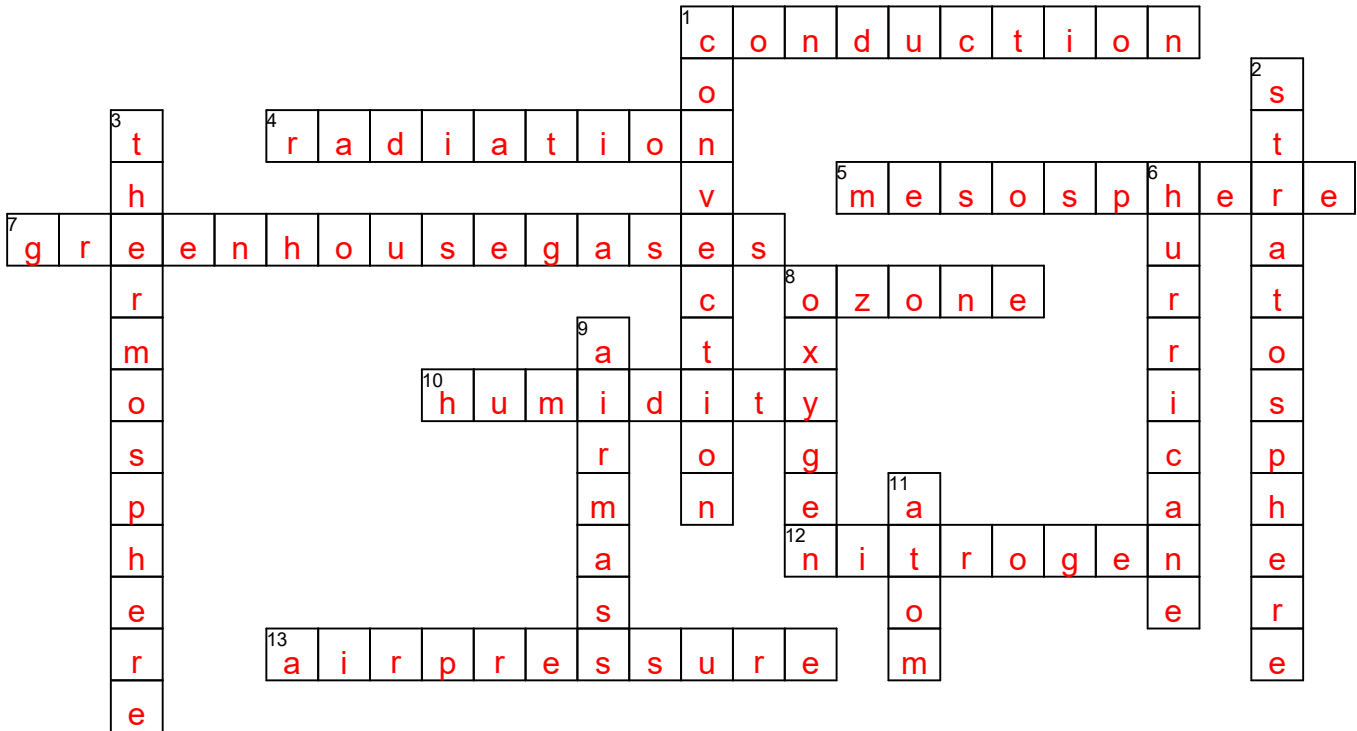


# 7th Grade Science Vocabulary Crossword Puzzle 13

1. Using the Across and Down clues, write the correct words in the numbered grid below.



## ACROSS

- The transfer of heat energy from one substance to another through direct contact.
- Energy that travels across distances as certain types of waves.
- Coldest layer; meteors burn up here.
- Gases such as carbon dioxide and methane, which absorb and give off infrared radiation as part of the Greenhouse Effect.
- A gas molecule that consists of three oxygen atoms.
- The amount of water vapor in the air.
- A colorless, odorless, tasteless gas; 78% of atmosphere.
- The force of air molecules pushing on an area.

## DOWN

- The transfer of energy from place to place by the motion of heated gas or liquid.
- Clear, dry layer; contains ozone layer.
- Hottest layer of the atmosphere where the air is very thin, but can feel cold.
- A tropical low-pressure system with winds of 74 mph or more.
- A colorless, odorless, tasteless nonflammable gas; 21% of atmosphere.
- A large volume of air that has nearly the same temperature and humidity at different locations at the same altitude.
- Basic unit of matter; smallest component of an element.

convection  
stratosphere  
conduction  
humidity  
atom

nitrogen  
air mass  
hurricane  
oxygen  
mesosphere

radiation  
ozone  
greenhouse gases  
air pressure  
thermosphere